



Lassitude

by Arya Akhavan (May 2013)

Angles for R.I. = 1.580

75 + 16 girdles = 91 facets

8-fold, mirror-image symmetry

96 index

$L/W = 1.306$ $T/W = 0.629$ $U/W = 0.406$

$P/W = 0.564$ $C/W = 0.182$

$Vol./W^3 = 0.366$

PAVILION

P1	41.79°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to centerpoint.
G1	90.00°	21-27-69-75	Set stone length.
G2	90.00°	12-36-60-84	Meet P1, G1
G3	90.00°	04-44-52-92	Meet P1, G2
G4	90.00°	01-47-49-95	Meet P1, G3
P2	64.06°	12-36-60-84	Level girdle.
P3	67.16°	04-44-52-92	Level girdle.
P4	68.08°	01-47-49-95	Level girdle.
P5	40.60°	96-12-24-36-48-60-72-84	Meet P1, P4 (only 2 facets meet)

CROWN

C1	35.24°	21-27-69-75	Set girdle width.
C2	35.24°	12-36-60-84	Level girdle.
C3	35.24°	04-44-52-92	Level girdle.
C4	35.24°	01-47-49-95	Level girdle.
C5	31.23°	03-45-51-93	Meet G3, G4, C3, C4
C6	30.23°	24-72	Meet G1, C1
C7	29.45°	10-38-58-86	Meet C1, C2, C6; C2, C3, C5
C8	27.91°	02-46-50-94	Meet C4, C5
C9	20.83°	21-27-69-75	Meet C1, C2, C6, C7
C10	20.17°	18-30-66-78	Meet C1, C2, C6, C7, C9; C5, C7, C8
T	0.00°	Table	Meet C5, C7, C8, C10

I was having a particularly long day after which I just wanted to take a rest...but somehow I ended up writing this design. It's a nice barion oval with surprisingly good performance, and even though I hate ovals I don't dislike this design. Works in materials from beryl to rutile (RI = 1.58 - 2.62) with no changes, but I prefer it in tourmaline.

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